



- NOTES:
1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
  2. WHEN MACHINING VACUUM PARTS, USE SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
    - A) CIMCOOL 5 STAR 49
    - B) TRIM SOL
  3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN.
  4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
  5. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY
  6. SURFACE ROUGHNESS ✓ 63

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>A2332900</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
TOLERANCES DECIMALS ANGULAR .01 .03 .005 .25 °		DRAWN BY <b>J.GOGOL</b>	DATE <b>8/25/95</b>	TITLE <b>ADVANCED PHOTON SOURCE</b>
SURFACE ROUGHNESS <span style="color: green;">✓</span> REMOVE ALL BUMPS AND BREAK SHARP EDGES TO MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ASST OR EQUIVALENT & TOLERANCING IN ACCORDANCE WITH LATEST ASST OR EQUIVALENT		CHECKED BY	OP LEADER	PROJECT NO.
DO NOT SCALE DRAWING		DESIGNER <b>J.GOGOL</b>	DATE <b>8/25/95</b>	APPROVEE/RELEASED
		MATERIAL: <b>OFHC COPPER</b>		SCALE <b>2:1</b>
				SHEET <b>1</b> OF <b>B</b>
				DRAWING NUMBER <b>P4105091103-830013-00</b>